

## Remarks

### Sequence Listing

A sequence listing and associated documents and diskette in compliance with 37 C.F.R. §§ 1.821-1.825 are enclosed herewith, reflecting the changes described below.

The Notice of Non-responsive Response indicated that a sequence lacking a SEQ ID NO appeared on p. 5 of the specification. The above amendment has assigned SEQ ID NO: 25 to the sequence listed on p. 5 of the specification, as suggested by the Examiner.

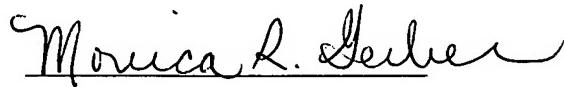
The Notice of Non-responsive Response also indicated that the sequences in Figure 3 were lacking SEQ ID NOs and that SEQ ID NOs 5-8 in the sequence listing had been incorrectly identified as corresponding to the sequences in Figure 3. The above amendment has assigned SEQ ID NOs 26-33 to the 8 sequences listed in Figure 3 and has indicated the residue numbers of SEQ ID NOs 1 and 3 corresponding to the subsequences shown in SEQ ID NOs 26-29 of Figure 3. For purposes of clarification, the Brief Description of Figure 3 has been amended to indicate that the Figure shows an alignment of the N and C terminal VAP domains of VAP-1 and VAP-2 with other nematode VA proteins, as stated in the specification at p. 73, lines 7-14. Thus SEQ ID NOs 26 and 27 represent N and C terminal VAP domains of VAP-1, and SEQ ID NOs 28 and 29 represent N and C terminal VAP domains of VAP-2. The sequence listing submitted herewith correctly identifies SEQ ID NOs 5-8 as these are indicated in the specification and identifies SEQ ID NOs 26-33 as corresponding to the sequences in Figure 3.

In summary, the specification has been amended to indicate SEQ ID NOs for all sequences that appear in the specification and figures, and the paper copy and computer-readable form of the Sequence Listing have been replaced with new copies that accurately reflect the SEQ ID NOs assigned in the specification, figures, and the instant amendment.

If, at any time, it appears that a phone discussion would be helpful in resolving any remaining issues related to the Sequence Listing or the pending claims, the undersigned would greatly appreciate the opportunity to discuss such issues at the Examiner's convenience. The undersigned can be contacted at (617) 248-5000 or (617) 248-5071 (direct dial).

Please charge any additional fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

Respectfully submitted,



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